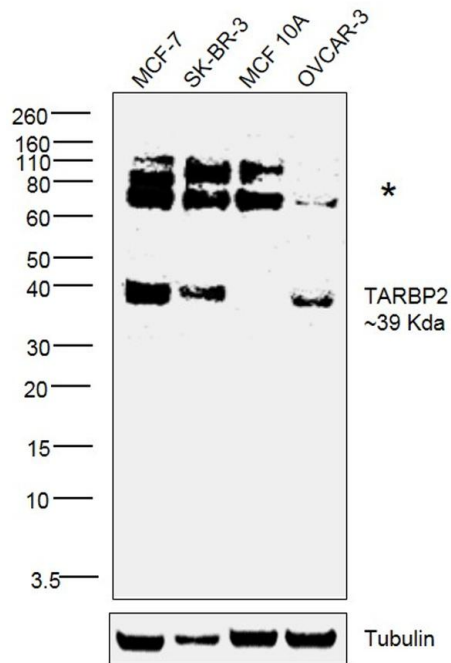


TRBP Monoclonal Antibody (OTI2C12)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI2C12
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of TARBP2 produced in E.coli
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2725561

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-
Immunocytochemistry (ICC/IF)	1:100	-

Product Images For TRBP Monoclonal Antibody (OTI2C12)

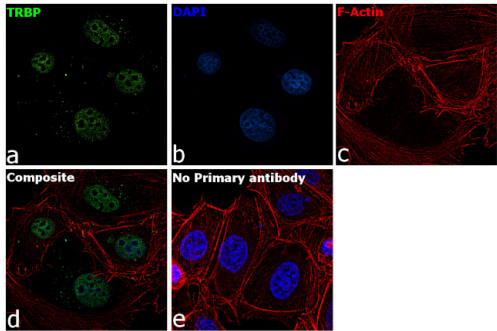


TRBP Antibody (MA5-26961) in WB

Western blot was performed using Anti-TARBP2 Monoclonal Antibody (Product # MA5-26961) and a 39 kDa band corresponding to TARBP2 was observed across cell Lines tested along with few uncharacterized bands (*) between ~70-110 kDa. Whole cell extracts (30 µg lysate) of MCF 7 (Lane 1), SK-BR-3 (Lane 2), MCF 10A (Lane 3), and OVCAR-3 (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

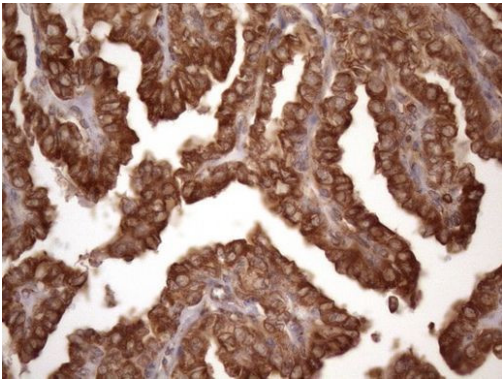
TRBP Antibody (MA5-26961) in ICC/IF

Immunofluorescence analysis of TRBP was performed using MCF7 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with TRBP Mouse Monoclonal Antibody (Product # MA5-26961) at 1:100 dilution in 0.1% BSA and incubated overnight at 4 degree and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 conjugate (Product # A32766) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the composite image showing nuclear localization of TRBP in MCF7 cells. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



TRBP Antibody (MA5-26961) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded carcinoma of human thyroid tissue. To expose target proteins, heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3 min. Following antigen retrieval, tissues were probed with a TARBP2 monoclonal antibody (Product # MA5-26961) at a dilution of 1:150.



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